

What is claimed

1. A flame retardant metalized fabric article comprising:
 - a) a polymer fabric substrate having a reverse side and an obverse side;
 - b) a conductive metal layer on one side of the substrate; and
 - c) a flame-retardant coating intermediate the conductive metal layer and the polymeric fabric substrate.
2. An article as in Claim 1 having an Underwriter Laboratories very thin material (VTM) vertical burn test rating of zero.
3. An article as in Claim 1 having a surface resistance of less than one ohm/sq.
4. An article as in Claim 1 wherein said flame-retardant is applied directly to only said obverse side of said polymer fabric substrate.
5. An article as in Claim 1 wherein said flame-retardant comprises a film-forming carrier and a halogenated or non-halogenated flame-retardant additive uniformly distributed in the carrier.
6. An article as in Claim 5 wherein said flame-retardant comprises a layer about one mil thick.
7. An article as in Claim 5 wherein said flame retardant additive is alumina trihydrate.
8. An article as in Claim 1 wherein said metal layer is a vapor deposited metal layer of about 3000Å.
9. An article as in Claim 8 wherein said metal layer comprises a first adhesive metal layer applied directly to said flame-retardant layer, a second conductive metal layer and a third abrasion resistant surface layer.
10. An article as in Claim 9 wherein said adhesive metal is a 100 to 250Å thick layer selected from the group consisting of Nichrome® alloy, chrome, Inconel® alloy and titanium.

17. An article as in Claim 16 wherein said conductive metal coating includes two layers of said conductive metal disposed on either side of a dielectric layer.

18. A method of forming a flame-retardant conductive polymeric fabric article comprising:

a) providing a fabric comprising a woven or non-woven polymeric material;

5 b) applying a flame-retardant coating directly onto a surface of said fabric; and

c) applying a conductive metal onto the surface of the flame-retardant coating.

19. A method as in Claim 18 comprising applying a quantity of said flame-retardant to provide a layer about one mil thick on one side of the fabric and the article having an Underwriter Laboratories very thin material (VTM) vertical burn test rating of zero and a surface
5 resistance of less than one ohm/sq.

20. A method as in Claim 19 comprising vapor depositing said conductive metal onto the surface of said flame-retardant layer.